



UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
BOX 99100
YUMA, ARIZONA 85369-9100

StoO 4790.14
3DF3
19 AUG 1999

STATION ORDER 4790.14

From: Commanding Officer
To: Distribution List

Subj: AVIATION GAS FREE ENGINEERING PROGRAM

Ref: (a) NA 01-1A-35
(b) OPNAVINST 4790.2G

Encl: (1) Navy Gas Free Certificate

1. Purpose. To establish responsibilities and procedures for the Aviation Gas Free Engineering Program.

2. Background. The Aviation Gas Free Engineering Program has been established in accordance with references (a) and (b) in order to prevent death or injury to personnel or loss of aircraft. Prior to maintenance on fuel cells or bladders, the fuel cells or bladder must be certified to be free of fumes by an Aviation Gas Free Engineer/Technician. Since maintenance on fuel cells and bladders is performed only on an occasional basis, it is not practical for Search and Rescue to have a Certified Gas Free Engineer assigned on a permanent basis. As outlined in reference (b), Search and Rescue will utilize the Station Fire Department Gas Free Engineer as needed. At that time, Maintenance personnel will fall under the strict guidance of the Gas Free Engineer.

3. Action/Responsibilities

a. Maintenance Control/NCOIC shall:

(1) Notify Quality Assurance prior to any maintenance on fuel cells or bladders.

(2) Provide liaison between the Gas Free Engineer and the work center, prior to, and during, maintenance.

(3) Retain one copy of the Navy Gas Free Certificate issued by the Gas Free Engineer/Technician. The certificate is generally valid for 24 hours, and will need to be reinspected at that time.

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b. Quality Assurance shall:

(1) Ensure that all safety precautions are strictly followed by personnel working on and around system maintenance.

(2) Ensure that there is no maintenance performed on fuel cells or bladders prior to being certified by the Gas Free Engineer.

(3) Obtain a copy of the Navy Gas Free Certificate from the engineer or technician. The Gas Free Engineer will retain a copy for a one year period.

c. Work Center Supervisor shall:

(1) Ensure that all personnel working on fuel systems are properly trained on fuel system maintenance.

(2) Ensure that there is adequate personnel, protective equipment and tools available as required by reference (a).

(3) Ensure that all personnel are aware of and strictly follow all safety precautions.

(4) Prior to performing any maintenance, ensure that the system has been certified and that you have a copy of the Navy Gas Free Certificate.

d. All Personnel shall:

(1) Ensure that all personnel working in or around the area are aware of the maintenance being performed and that all safety precautions are strictly followed.

(2) Utilize only approved personnel protective equipment and tools, in accordance with reference (a).

(3) Report any safety violation or hazards immediately to your Supervisor or Quality Assurance.


C. J. TURNER

DISTRIBUTION: SPL
SAR (10)

StaO 4790.14
19 AUG 1998

NAVY GAS FREE CERTIFICATE

ENCLOSURE (1)

From: Aircraft Maintenance Officer

Subj: AVIATION GAS FREE ENGINEERING PROGRAM

Ref: (a) NA 01-1A-35
(b) OPNAVINST 4790.2G

Encl: (1) Navy Gas Free Certificate

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2. Background: The Aviation Gas Free Engineering Program has been established in accordance with references (a) and (b). In order to prevent death or injury to personnel or loss of aircraft. Prior to maintenance on fuel cells or bladders, the fuel cells or bladder must be certified to be free of fumes by an Aviation Gas Free Engineering/Technician. Since maintenance on fuel cells and bladders is performed only on occasional basis, it is not practical for Search and Rescue to have a Certified Gas Free Engineer assigned on a permanent basis. As outlines in reference (b), Search and Rescue will utilize the Station Fire Department Gas Free Engineer as needed. At that time, Maintenance personnel will fall under the strict guidance of the Gas Free Engineer.

3. Action/Responsibilities:

a. Maintenance Control/NCOIC shall:

(1) Notify Quality Assurance prior to any maintenance on fuel cells or bladders.

(2) Provide liaison between the Gas Free Engineer and the work center, prior to and during maintenance.

(3) Retain one copy of the Navy Gas Free Certificate issued by the Gas Free Engineer/Technician. The certificate is generally valid for 24 hours, and will need to be reinspected at that time.

b. Quality Assurance shall:

(1) Ensure that all safety precautions are strictly followed by personnel working on and around system maintenance.

(2) Ensure that there is no maintenance performed on fuel cells or bladders prior to being certified by the Gas Free Engineer.

(3) Obtain a copy of the Navy Gas Free Certificate from the engineer or technician. The Gas Free Engineer will retain a copy for a one year period.

c. Work Center Supervisor:

(1) Ensure that all personnel working on fuel systems are properly trained on fuel system maintenance.

(2) Ensure that there is adequate personnel protective equipment and tools available as required by reference (a).

(3) Ensure that all personnel are aware of and strictly follow all safety precautions.

(4) Prior to performing any maintenance, ensure that the system has been certified and that you have a copy of the Navy Gas Free Certificate.

d. All Personnel shall:

(1) Ensure that all personnel working in or around the area are aware of the maintenance being performed and that all safety precautions are strictly followed.

(2) Utilize only approved personnel protective equipment and tools, in accordance with reference (a).

(3) Report any safety violation or hazards immediately to your Supervisor or Quality Assurance.

E. W. Hanna

Enclosure (1) is the actual,

NAVY GAS FREE CERTIFICATE